What is claimed is:

1.   A control logic simulation-verification method,
comprising:

executing a control logic and a plant model logic
on a reconfigurable identical operating system,

said control logic being adapted to output, in
accordance with an operating status, a control command
signal necessary for exercising run control of a plant,

said plant model logic being adapted to perform
a simulated action, simulating an action status of the
plant, upon receipt of said control command signal,
and output a run status signal showing the action status,
and

said operating system being usable as a
combination of only necessary functional portions.

2.   The control logic simulation-verification
method according to claim 1, wherein said control logic
is a program for exercising run control of a combined
cycle power plant, said plant model logic is a program
for simulating a running action of the combined cycle
power plant, and said operating system is Linux.

3.   A simulation-verification personal computer,
comprising:

a control device simulating simulator personal

computer which is loaded with a control logic for outputting, in accordance with an operating status, a control command signal necessary for exercising run control of a plant, and which executes said control logic on a reconfigurable operating system usable as a combination of only necessary functional portions; and

a plant model simulator personal computer which is loaded with a plant model logic for performing a simulated action, simulating an action status of the plant, upon receipt of said control command signal, and outputting a run status signal showing the action status, and which executes said plant model logic on an operating system identical with said operating system.

4. A simulation-verification personal computer, comprising:

a control device simulating simulator personal computer which is loaded with a control logic for outputting, in accordance with an operating status, a control command signal necessary for exercising run control of a plant; which is loaded with a computation cycle managing task, provided in a control device, for setting a computation cycle of said control logic; and which executes said control logic in said computation cycle, set by said computation cycle managing task

provided in the control device, on a reconfigurable operating system usable as a combination of only necessary functional portions; and

a plant model simulator personal computer which is loaded with a plant model logic for performing a simulated action, simulating an action status of the plant, upon receipt of said control command signal, and outputting a run status signal showing the action status; which is loaded with a computation cycle managing task, provided in a plant model, for setting a computation cycle of said plant model logic; and which executes said plant model logic in said computation cycle, set by said computation cycle managing task provided in the plant model, on an operating system identical with said operating system.

5.   A simulation-verification personal computer, comprising:

a control device simulating simulator personal computer which is loaded with a control logic for outputting, in accordance with an operating status, a control command signal necessary for exercising run control of a plant; which is loaded with a computation cycle managing task, provided in a control device, for setting a computation cycle of said control logic; and which is loaded with storage means, provided in the control device, for storing a computation status of

said control logic, and

which executes said control logic in said computation cycle, set by said computation cycle managing task provided in the control device, on a reconfigurable operating system usable as a combination of only necessary functional portions; and which can execute said control logic from said computation status stored in said storage means provided in the control device; and

a plant model simulator personal computer which is loaded with a plant model logic for performing a simulated action, simulating an action status of the plant, upon receipt of said control command signal, and outputting a run status signal showing the action status; which is loaded with a computation cycle managing task, provided in a plant model, for setting a computation cycle of said plant model logic; and which is loaded with storage means, provided in the plant model, for storing a computation status of said plant model logic, and

which executes said plant model logic in said computation cycle, set by said computation cycle managing task provided in the plant model, on an operating system identical with said operating system; and which can execute said plant model logic from said computation status stored in said storage means provided in the plant model.

6.   The simulation-verification personal computer according to any one of claims 3 to 5, wherein said control logic is a program for exercising run control of a combined cycle power plant, said plant model logic is a program for simulating a running action of the combined cycle power plant, and said operating system is Linux.